[STAPLE-FORMER IN A STAPLER]

Abstract of Disclosure

A staple-former (11) in a stapler (1) in which staples (17) are driven by a driver blade (10) into a workpiece (16), preferably a sheaf of paper, wherein the stapler contains a staple magazine (7) in which are stored longitudinally extended filiform staple blanks (8). The staple blanks are advanced by a feed device (6) contained in the stapler onto an integral bending die (15), which bending die has an upper support surface (21) over which the staple blanks are bent by the staple-former into staple shape; a shape that exhibits a first and a second leg (18, 19) with an intermediate crown portion (20). The staple-former includes a first leg-bending part (24) and a second leg-bending part (26) with an intermediate crown-forming part (28) that exhibits a stamping surface (29). Staple formation is accomplished in that the staple-former is driven by a drive device (12, 13, 14) integrated into the stapler from a starting position in a staple-forming motion whose direction is transverse to the direction of extent of the support surface and in which motion the staple-former is brought against the bending die. As a result, the leg-bending parts are bent over the bending die and the staple blank assumes a staple shape. A continuation of this motion causes the staple-former to be advanced a distance such that the stamping surface of the crown-forming part presses the crown portion (20) of the staple blank against the support surface. The staple-former is then reciprocated by the drive device to its starting position and the bent staple is fed forward to the driver blade, wherein the crown-forming part (28) is displaceably arranged to the staple-former (11) by means of an intermediate elastic element (32).